

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1-37. (Canceled).

38. (Currently Amended) A ~~surveillance~~ system comprising:

a movement module configured to receive first data from a first detector, wherein the first data is associated with an object in a first observation range, wherein the movement module is further configured to determine a movement vector based at least in part on the first data and object data received from a mobile unit physically associated with the object, wherein the movement module is further configured to determine a second observation range associated with the object; and

a processor configured to select the first detector based at least in part on the first observation range, wherein the processor is further configured to select a second detector based at least in part on the movement vector and the second observation range;

a processor, coupled to a network, configured to receive from a database a representation of an identity and a location of at least one object;

a mobile communications unit, physically associated with the at least one object, operable to receive data from a GPS device monitoring data, associated with the movement of the at least one object, wherein the mobile communications unit couples wirelessly to the network for communication with the processor; and

a first detector, coupled to the network, activated to observe the at least one object when the processor determines the at least one object to be located within an observation range of the first detector, wherein the first detector is configured to automatically hand-off [[the]] observation of the at least one object to the [[a]] second detector in response to the processor selecting the second detector in an observation range of the at least one object.

39. (Currently Amended) The ~~surveillance~~ system of claim 38, wherein a distance between the second detector [[is]] and a neighbor of the first detector is greater than a distance between the first detector and a third detector.

40. (Currently Amended) The ~~surveillance~~ system of claim 38, wherein the second detector is activated in response to an instruction from at least one of the responsive to the

processor or the movement module, and wherein the first detector is configured to automatically hand-off the observation of the object to the second detector in response to an instruction from at least one of the processor or the movement module determining that the at least one object will be traveling from an observation range of the first detector to an observation range of the second detector.

41. (Currently Amended) The surveillance system of claim 38, wherein the mobile communications unit generates a position signal if when the at least one object moves within at least one of the first observation range or the second observation range of the first detector.

42. (Currently Amended) The surveillance system of claim 38, wherein the mobile communications unit comprises an accelerometer.

43. (Currently Amended) The surveillance system of claim 38, wherein the processor is further configured to receive from a [[the]] database object information comprising at least one of selected from a group consisting of an object name, an object identifier, an object, a group, an object query, an object condition, an object status, an object location, an object time, an object error, and an object image, a video broadcast signal, a representation of an object identity, or an audio broadcast signal.

44. (Currently Amended) The surveillance system of claim 38, wherein the ~~at least one object is monitored~~ movement vector is determined using at least one of an extrapolated positional signal, an extrapolated visual signal, a or last-stored positional signal or a last-stored visual signal.

45. (Currently Amended) The surveillance-system of claim 38, wherein the ~~at least one object is authenticated according to~~ at least one of a voice pattern or pattern, a magnetic signal, or a smart-card signal.

46. (Currently Amended) The surveillance system of claim 38, wherein an electronic file comprising at least one of a recorded voice transmission, a recorded music transmission, [[or]] a live voice transmission or a live music transmission is provided to the ~~at least one object~~ via a [[the]] network.

47. (Currently Amended) A An integrated object surveillance system comprising:
a mobile communications unit physically associated with an object to monitor at least one sensed condition or location according to a GPS device of the object, wherein the

mobile communications unit is operable to communicate wirelessly with a processor through a network; and

a first detector ~~configured to~~ coupled to the network and selected by the processor to observe the object ~~detect first data associated with an~~ when such object in a first observation range, wherein the first detector is further configured to provide the first data to a movement module, and wherein the first detector is selected by a processor based at least in part on the first observation range; and

a second detector selected by the processor based at least in part on a movement vector and a second observation range, wherein the movement vector is determined by the movement module based at least in part on the first data and object data received from a mobile unit physically associated with the object and configured to detect the object data, and wherein the ~~is determined by the processor to be located within a first observation range of the first~~ detector, wherein the processor is operable to access a database including a representation of an identity and a location of the object, such first detector ~~is being~~ configured to automatically hand-off ~~[[the]]~~ observation of the object to the ~~[[a]]~~ second detector in response to the second detector being selected by the processor in a neighboring site for observing the object movement.

48. (Currently Amended) The ~~integrated object surveillance~~ system of claim 47, wherein the first detector is configured to automatically hand-off the observation of the object to the ~~[[a]]~~ second detector in a neighboring site for observing the object movement when such observation is triggered or in response to the movement vector indicating that the object is about to move into the second observation range activated by such object movement.

49. (Currently Amended) The ~~integrated object surveillance~~ system of claim 47, wherein the second detector is activated in response responsive to the processor determining that the object ~~is will be~~ traveling from the first an observation range of the first detector to the second an observation range of the second detector.

50. (Currently Amended) The ~~integrated object surveillance~~ system of claim 47, wherein the mobile communications unit comprises an accelerometer.

51. (Currently Amended) The ~~integrated object surveillance~~ system of claim 47, wherein the processor is further configured to receive from a the database object information comprising at least one of selected from a group consisting of an object name, an object identifier, an object group, an object query, an object condition, an object status, an object

location, an object time, an object error, [[and]] an object image, a video broadcast signal, a representation of an object identity, or an audio broadcast signal.

52. (Currently Amended) The ~~integrated-object-surveillance~~ system of claim 47, wherein the object is monitored using at least one of an extrapolated positional signal, an extrapolated visual signal, a ~~or~~ last-stored positional signal or a last-stored visual signal.

53. (Currently Amended) The ~~integrated-object-surveillance~~ system of claim 47, wherein the object is authenticated according to at least one of a voice pattern, a magnetic signal, ~~or a magnetic~~ or a smart-card signal.

54. (Currently Amended) The ~~integrated-object-surveillance~~ system of claim 47, wherein an electronic file comprising at least one of a recorded voice transmission, a recorded music transmission, ~~[[or]]~~ a live voice transmission or a live music transmission is provided to the ~~at least one~~ object via a ~~[[the]]~~ network.

55. (Currently Amended) The ~~integrated-object-surveillance~~ system of claim 47, wherein the processor confirms the identity of the object by processing a visual image of the object using at least one of adaptive learning software or neural learning software to recognize the ~~such~~ object automatically.

56. (Currently Amended) ~~An-object-surveillance~~ A method comprising:
selecting a first detector based at least in part on a first observation range, wherein the first detector is configured to observe an object in the first observation range, and wherein the first detector is configured to detect first data associated with the object;
determining a movement vector based at least in part on the first data and object data received from a mobile unit physically associated with the object; and
selecting a second detector based at least in part on the movement vector and the second observation range associated with the object, wherein the first detector is configured to
accessing a representation of an identity and a location of at least one object from
a database;
monitoring data representative of the movement or location of the at least one
object;
communicating the monitored data to a processor coupled to receive the data over
a network; and

observing the at least one object using a first detector coupled to the network and selected by the processor to observe the at least one object when the at least one object is recognized by the processor to be located within an observation range of the first detector, wherein the first detector is configured to automatically hand-off [[the]] observation of the object to the [[a]] second detector in response to selecting the second detector, positioned in a neighboring observation range, to observe movement of the at least one object.

57. (Currently Amended) The ~~object-surveillance~~ method of claim 56, further comprising activating the wherein the first detector is configured to automatically hand-off the observation to a second detector in response to the movement vector a neighboring site for observing the at least one object movement when such observation is triggered or activated by such object movement.

58. (Currently Amended) The ~~object-surveillance~~ method of claim 56, further comprising activating wherein the second detector in response is activated responsive to a [[the]] processor determining that the at least one object will be traveling from [[an]] the first observation range of the first detector to [[an]] the second observation range of the second detector.

59. (Currently Amended) The ~~object-surveillance~~ method of claim 56, further comprising receiving from a [[the]] database a representation of an identity and a location of the object, and receiving, from the database, object information comprising at least one of selected from a group consisting of an object name, an object identifier, an object group, an object query, an object condition, an object status, an object location, an object time, an object error, [[and]] an object image signal, a video broadcast signal, or a audio broadcast signal.

60. (Currently Amended) The ~~object-surveillance~~ method of claim 56, further comprising monitoring the ~~at least one~~ object using at least one of a predicted object location, an expected object location, an extrapolated positional signal, an extrapolated visual signal, a last-stored positional signal or a last-stored positional or visual signal.

61. (Currently Amended) The ~~object-surveillance~~ method of claim 56 further comprising authenticating the ~~at least one~~ object according to at least one of a voice pattern, a magnetic signal or a magnetic or a smart-card signal.

62. (Currently Amended) The ~~object-surveillance~~ method of claim 56 further comprising providing an electronic file having at least one of a recorded voice transmission, a

recorded music transmission, [[or]] a live voice transmission or a live music transmission is provided to the ~~at least one~~ object via a ~~[[the]]~~ network.

63. (Currently Amended) The ~~object-surveillance~~ method of claim 56 further comprising confirming the identity of the ~~at least one~~ object by processing a visual image of the ~~at least one~~ object using at least one of adaptive learning software or neural learning software to recognize the ~~such~~ object automatically.

64. (New) The system of claim 38, wherein the object data is object location data.

65. (New) The system of claim 40, wherein the processor is configured to select a second detector in response to at least one of the object being in the second observation range, an expectation that the object will be in the second observation range, a predicted trajectory of the object, an actual trajectory of the object being directed toward the second observation range, or the object being about to enter the second observation range.

66. (New) The system of claim 47, wherein the mobile unit, the first detector, and the second detector are configured to communicate wirelessly with a processor through a network.

67. (New) A method comprising:

detecting, at a first detector, first data associated with an object in a first observation range, wherein the first detector is selected by a processor based at least in part on the first observation range;

providing the first data to a movement module, wherein the movement module is configured to determine a movement vector based at least in part on the first data and object data received from a mobile unit physically associated with the object and configured to detect the object data;

automatically handing off observation of the object from the first detector to a second detector in response to the second detector being selected by the processor based at least in part on the movement vector and a second observation range.

68. (New) The method of claim 67, wherein the first data comprises a representation of a location and an identity of the object.

69. (New) The method of claim 67, wherein the object data comprises GPS location data.